

FIG. 1

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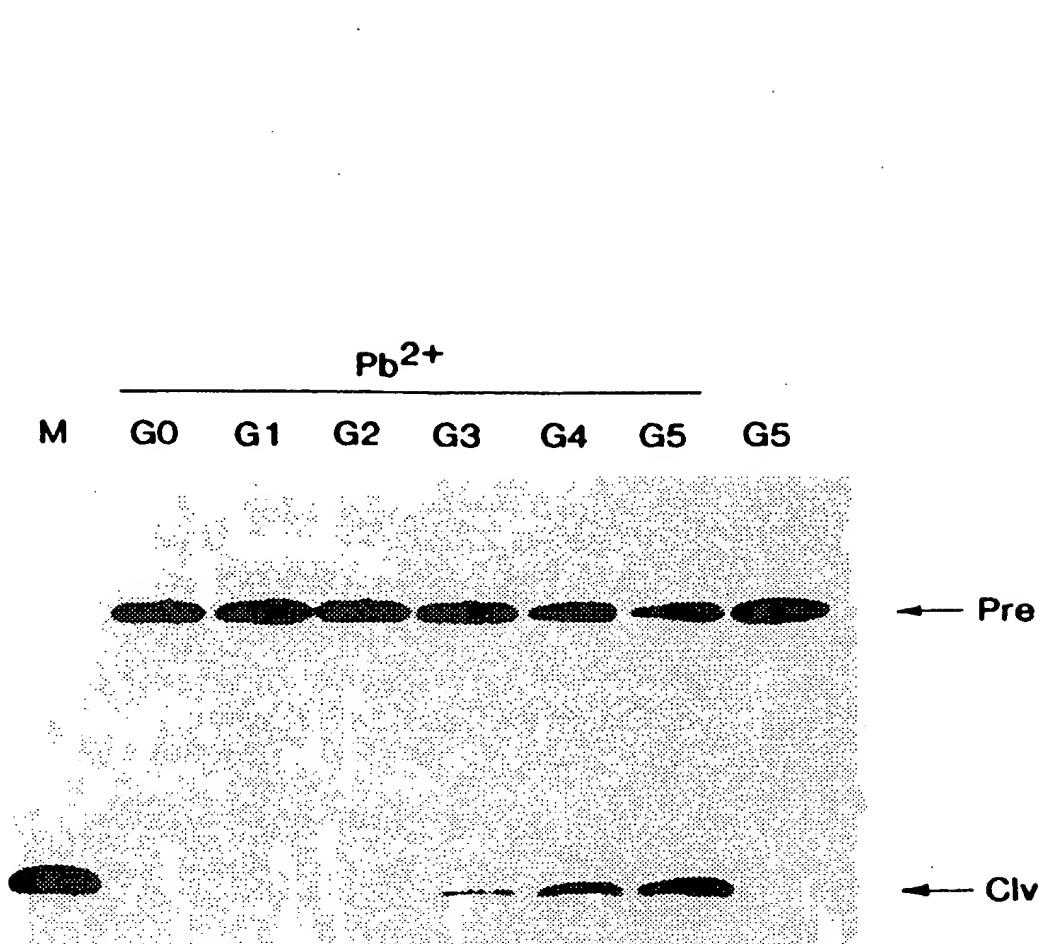


FIG. 2

APPL'D. NO. 21,415,635
FIG.
24
CLASS 145
SUBCLASS 145
DRAFTSMAN

TARGET
RIBOADENYLATE

SEQ. ID NO. # of clones

14	8	5': TCACACATCTCT	GAAGT	AGCG	CCGC	TAT - GTGA - CGCTA	GGGTTGGCT	-3'
15	3	5': GGGGGAACCCGTAACAA G - C TCT	GAACT	AGCG	GTAA	CGA	TATAGT - ... - CGTA	-3'
16	2	5': CGGGACTCCGTAGCCAT T GCTTTT -	GC	AGCG	TCAA	CGA	TATAG - ... - CGTATT	-3'
17	2	5': CACCACTGCTTCCTC -	G	AGCCG	AAC	CG -	-ATAGTTA - - CGTCAT	ACCTCCCGTAT -3'
18	1	5': ACCAGA T T GCTG - CT -	ACC	AGCG	GTA	CGA	ATATAGTGAA - - GTGT	T CGTACATAT -3'
19	1	5': ATAGGCCATGCTT	GGCT	AGCG	GCAC	CG -	TATAGTG - - - - - IA	CCTGCCCTTATCG -3'
20	1	5': TCTGCTCTCCTCTATCTC -	AGCAGTC	AGCG	AAATATGT	CGA	-ATAGT - - - - CG - GT	-3'
21	1	5': TGGCCAGGATA GTCGGGCA - - - -	GACGTTGTT	AGCG	ACA	CG -	-ATAG - G - CCCG - GT	-3'
22	1	5': TGGTAGCTGGCTGA ACTCT	GT	AGCG	CAAC	CGA	ATATAGTGAG - - GC - TTG	A -3'

BASE-PAIR-FORMING REGIONS (INDIVIDUALLY BOXED SEQUENCES)

CONSERVED REGIONS

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三
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BASE-PAIR-FORMING REGIONS (INDIVIDUALLY BOXED SEQUENCES)

SUBSTITUTE SHEET (RULE 26)

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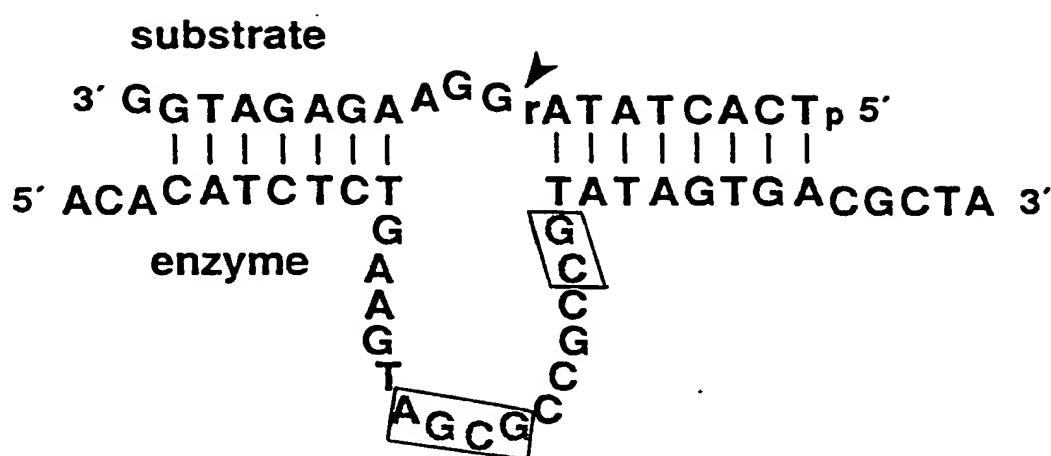


FIG. 4A

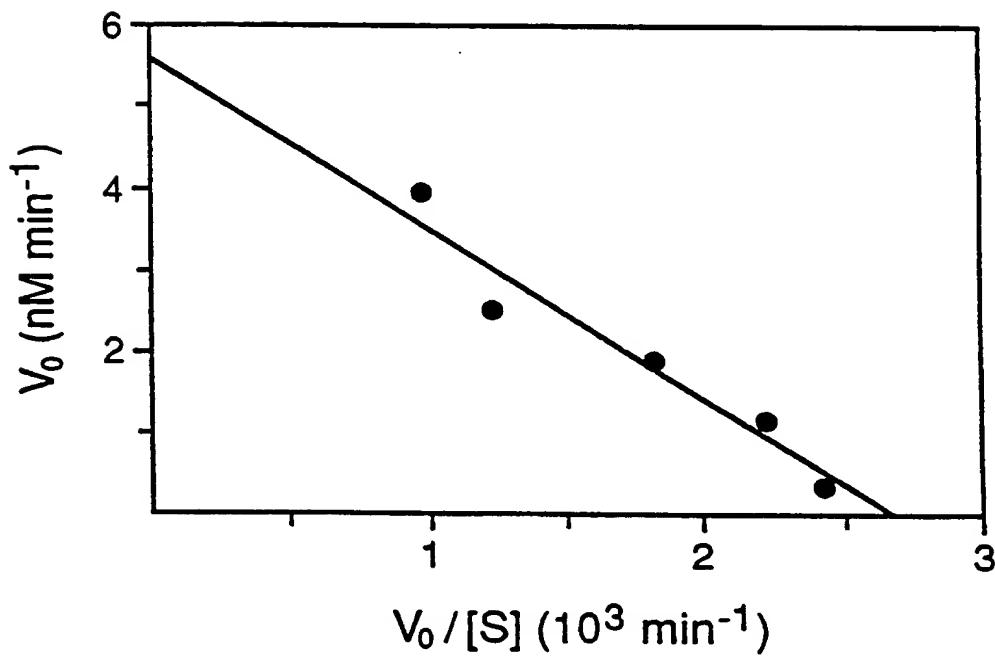
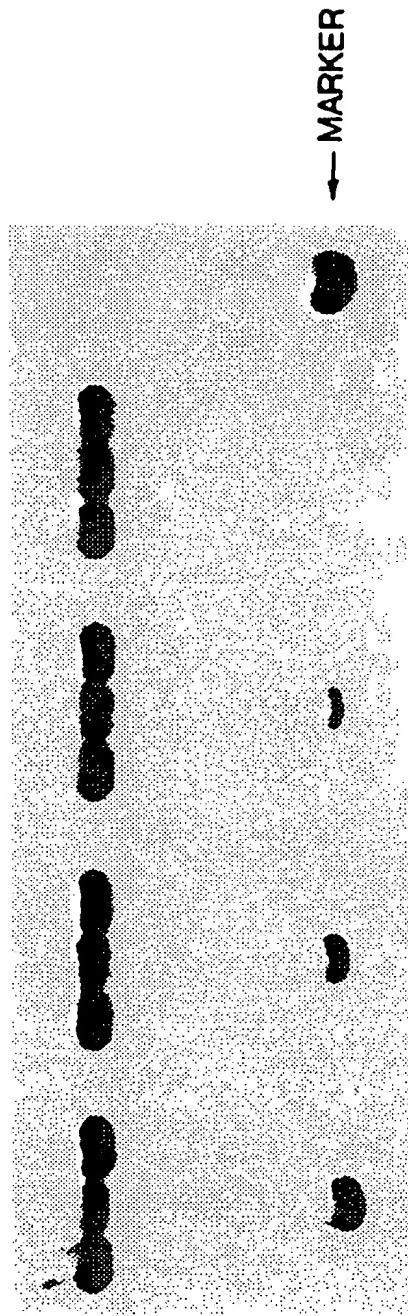


FIG. 4B

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and you don't want me to tell that down. If he had and then had them from it.

Pb ²⁺	Zn ²⁺	Mn ²⁺	Mg ²⁺
- + +	- + +	- + +	- + +
G5 G5 G0	G6 G6 G0	G5 G5 G0	G6 G6 G0



— MARKER

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FIG.

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001 T00 8S OT9734 b'ceft AS

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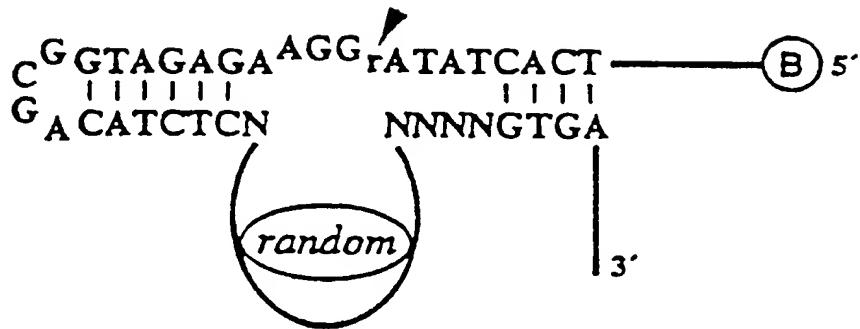


FIG. 6A

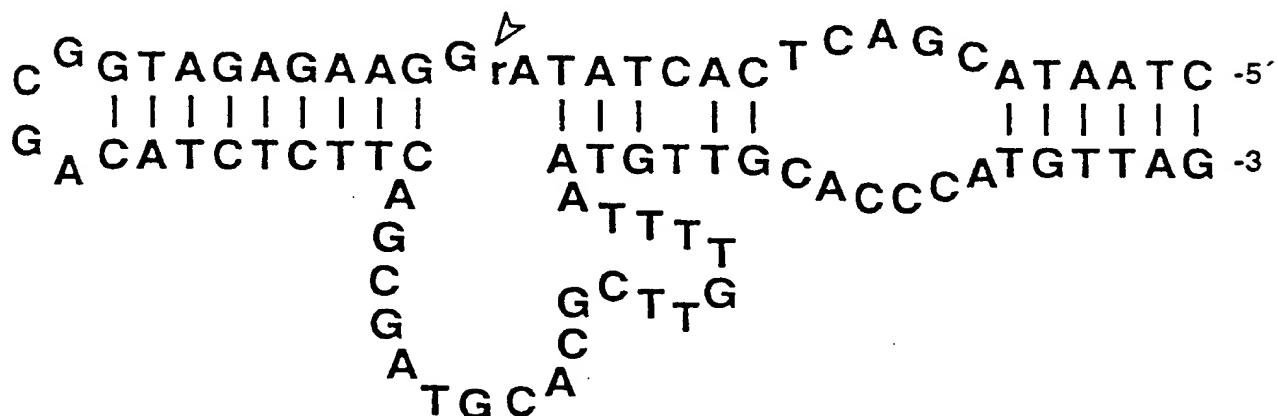


FIG. 6B

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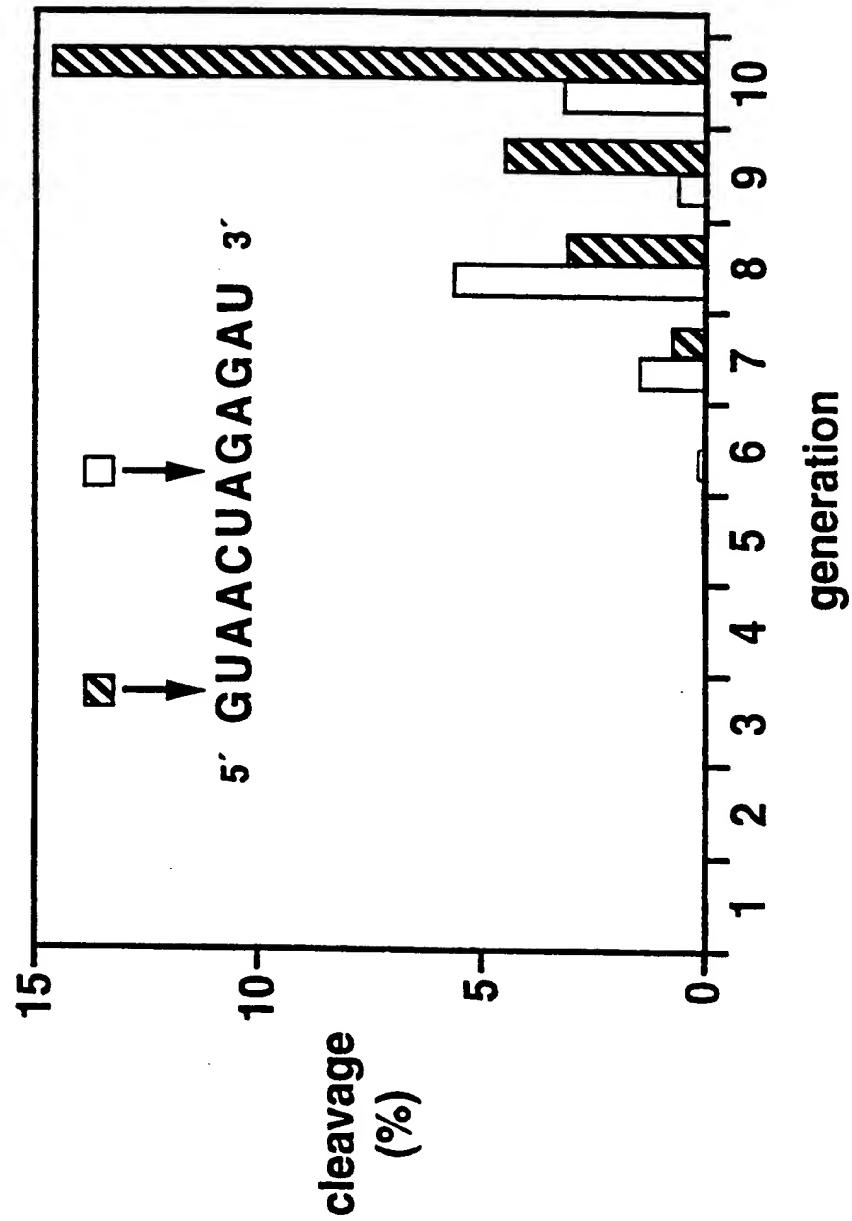
10 mM Mg²⁺, pH 7.5, 37 °C, 2 h

FIG. 7

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APPROV'D	3. 2. 1. 2.	F 12.	...
BY	CLASSES		
SUBCLASS			
DRAFTSMAN			

SUBSTRATE 

 GAAGGUAGAGAUCAAUGAAAAAGG 5'
 ||||| ||| • ||||| |||||
 CTTCCACCTT AGTTACTTT 3'

 8-17 ENZYME
 C G C A A G
 G A G C C G
 G C C G C G

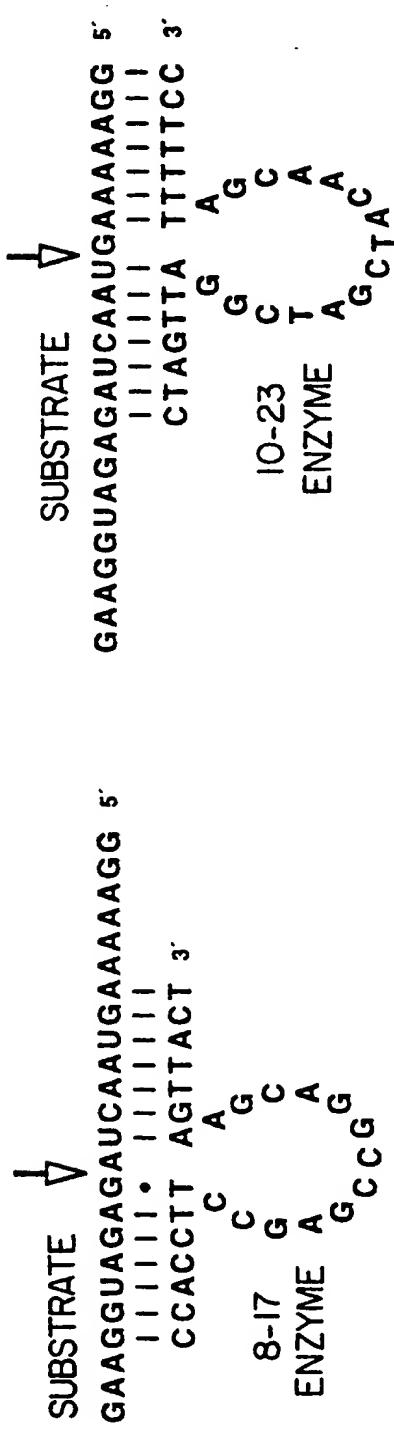
$$\text{turnover} \approx 0.6 \text{ hr}^{-1}$$

$$\text{turnover} \approx 1 \text{ hr}^{-1}$$

10 mM Mg^{2+} , pH 7.5, 37 °C

8
G
E

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$$k_{\text{obs}} \approx 0.01 \text{ min}^{-1}$$

$$k_{\text{obs}} \approx 0.002 \text{ min}^{-1}$$

10 mM Mg²⁺, pH 7.5, 37 °C

FIG. 9

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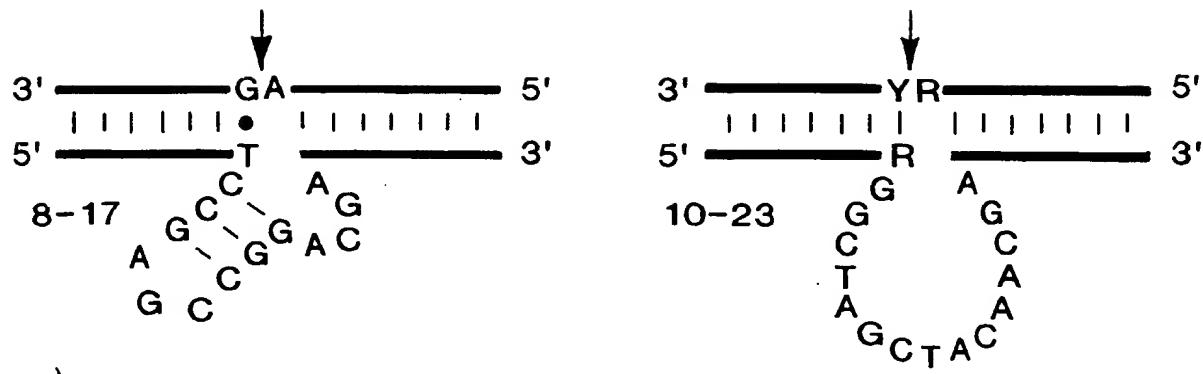


FIG. 10

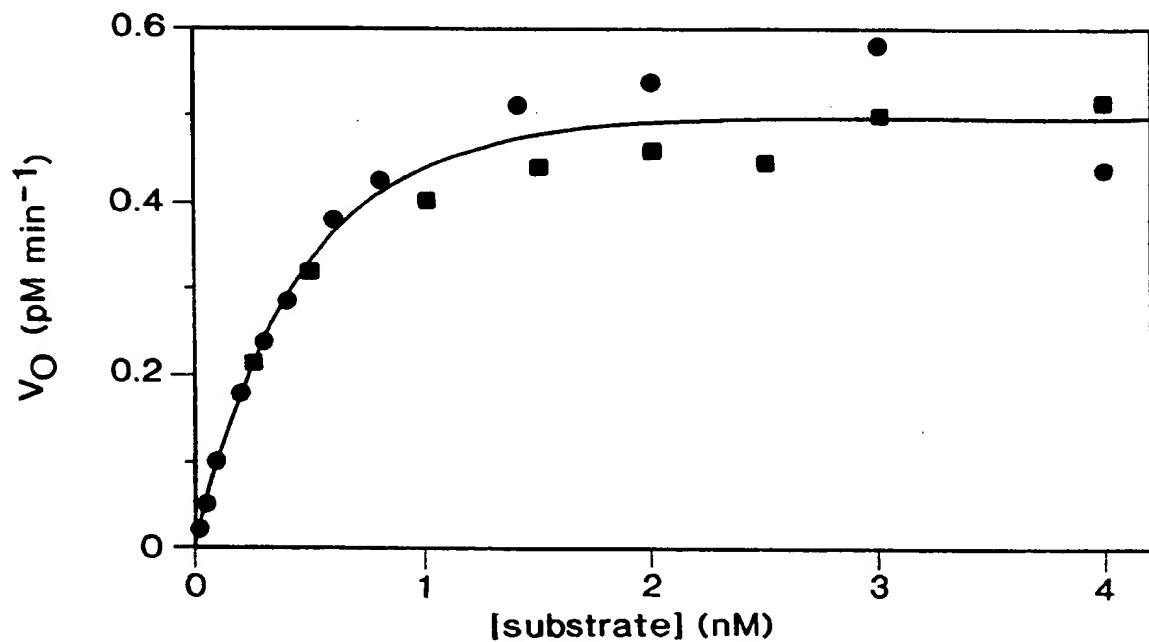


FIG. 11

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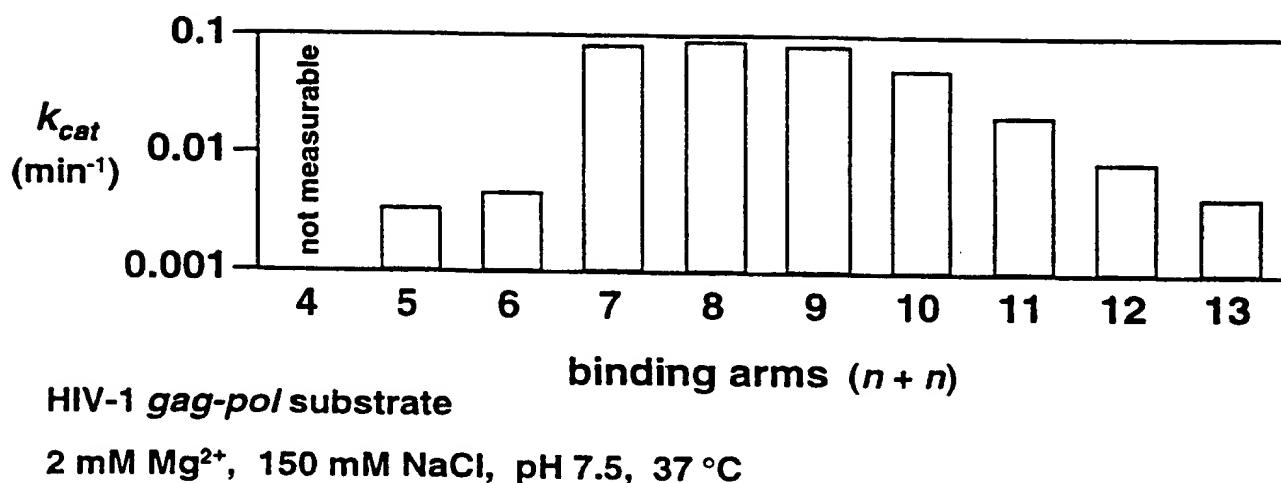


FIG. 12A

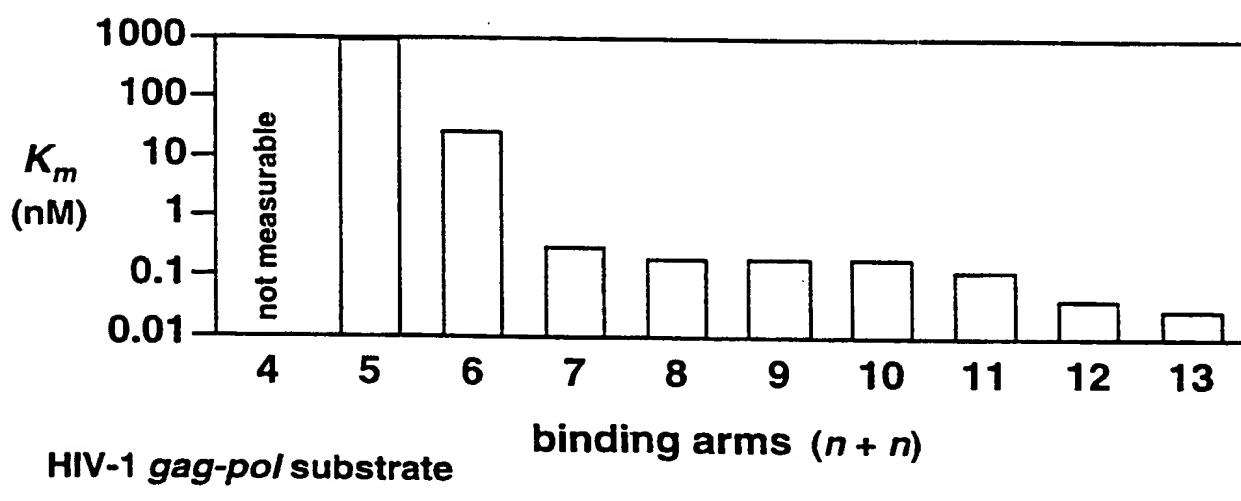


FIG. 12B

PCT/US98/08677

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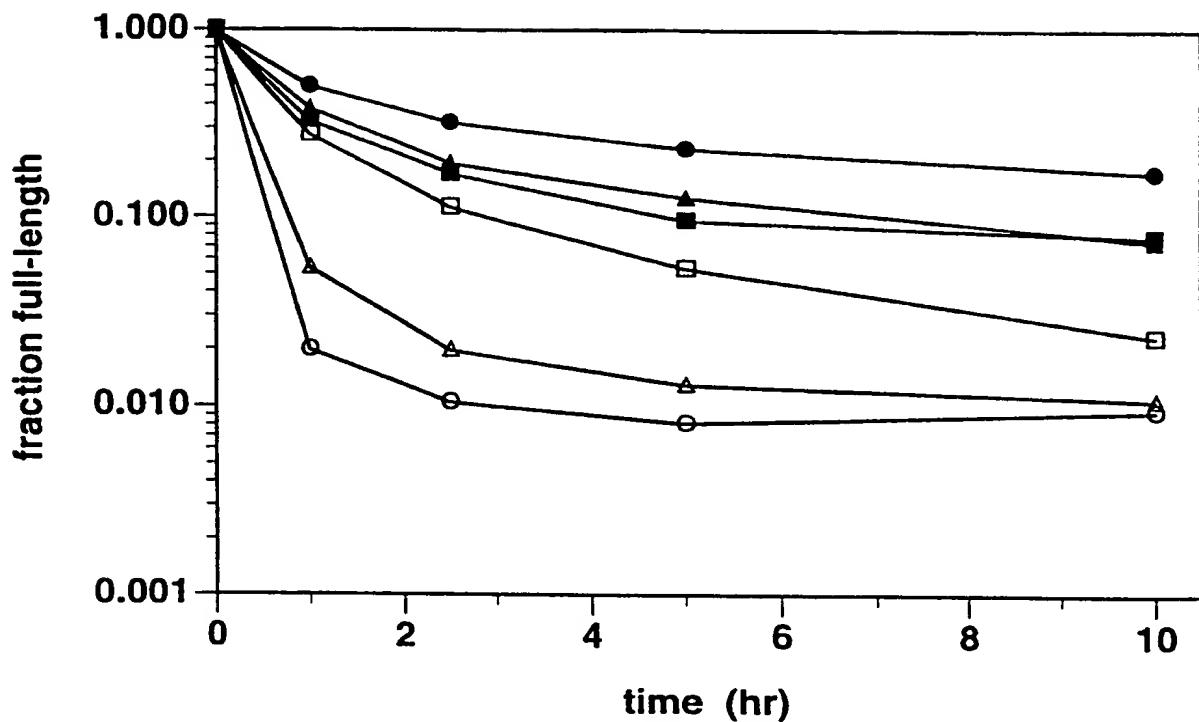
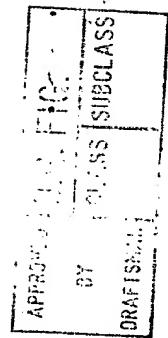


FIG. 13